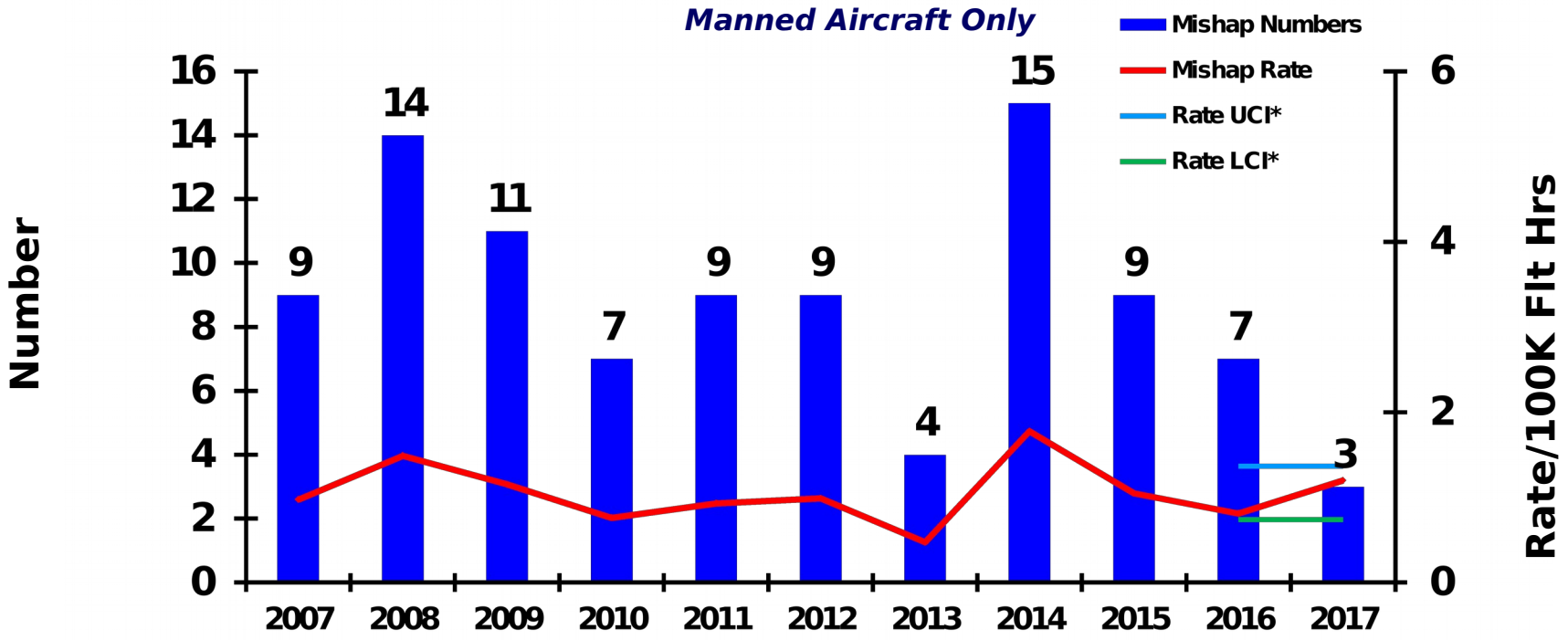
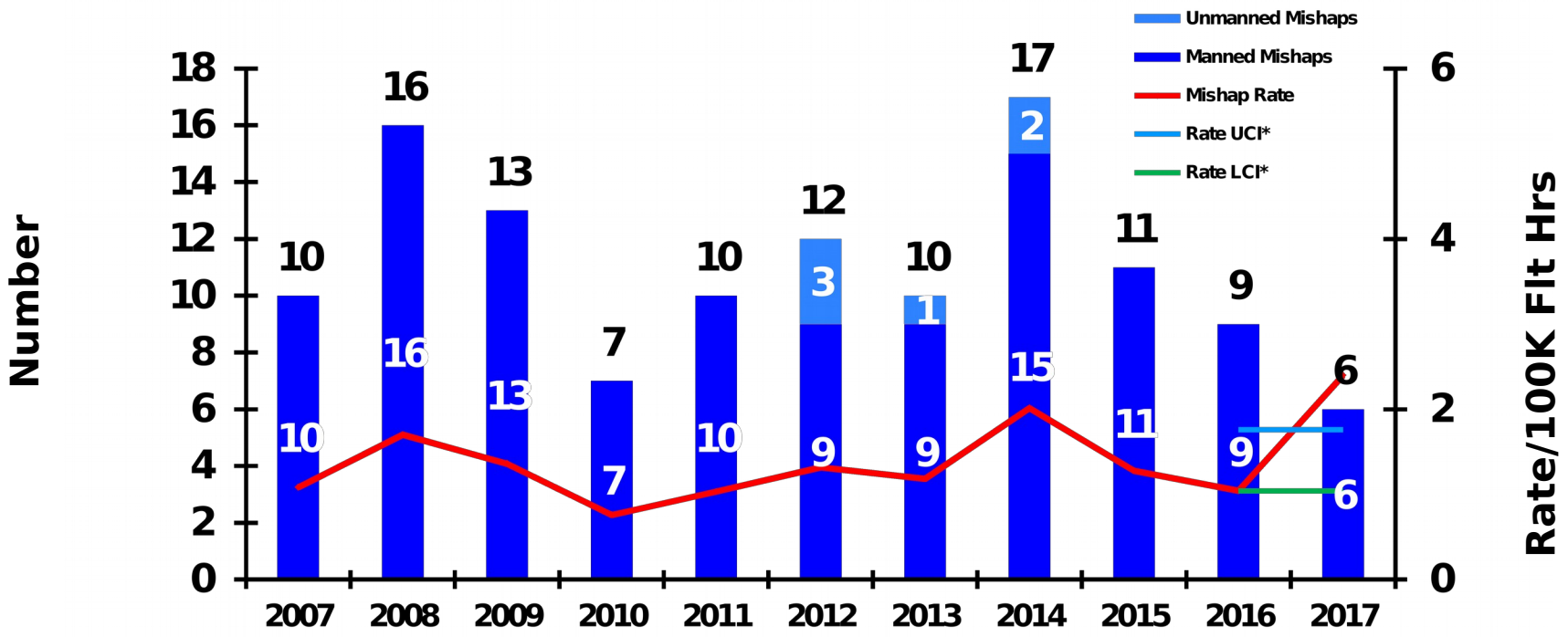
CLASS A FLIGHT MISHAPS



	30-Jan-17	30-Jan-16
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	3/1.20	1/0.40
FY16 MISHAPS/MISHAP RATE:	7/0.81	
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:	9.40/1.04	

*see last slide for definition of UCI/LCI

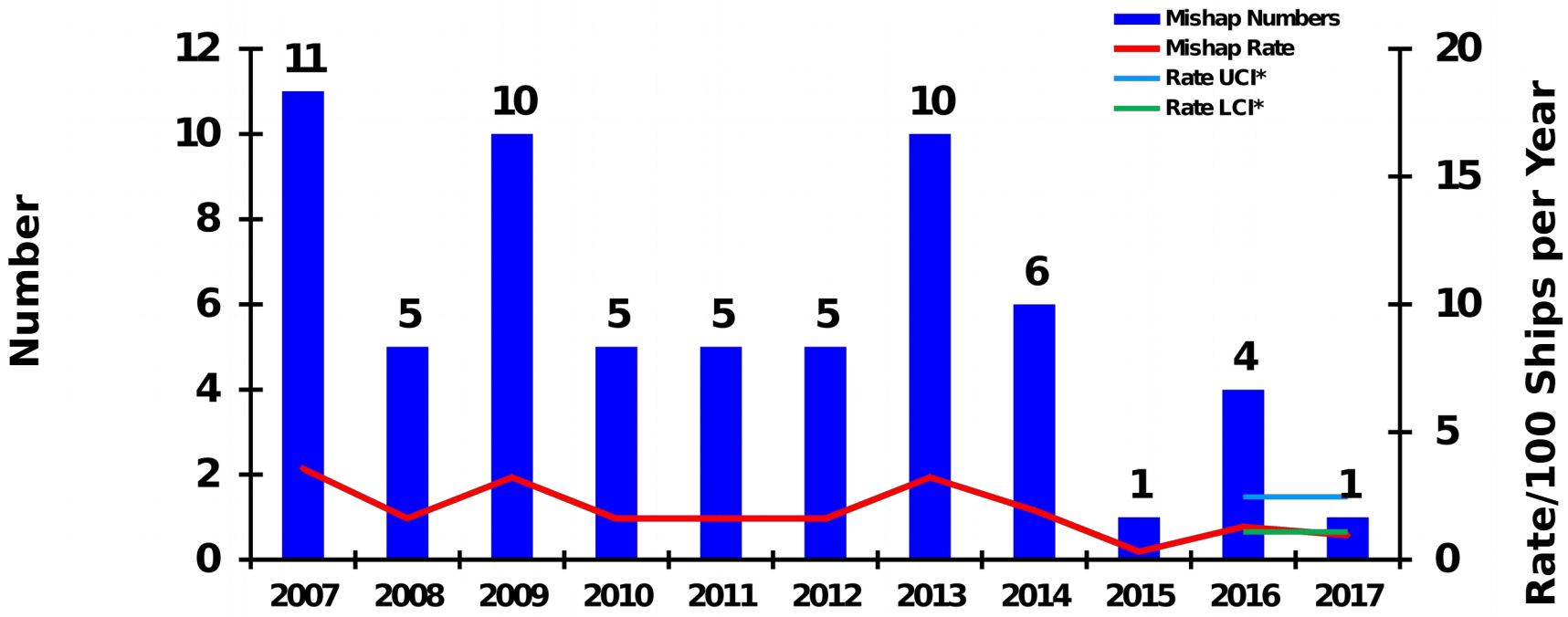
CLASS A AVIATION MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	30-Jan-17	30-Jan-16
FY16 MISHAPS/MISHAP RATE:	6/2.40	2/0.79
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:	9/1.04	
	11.50/1.28	

*see last slide for definition of UCI/LCI

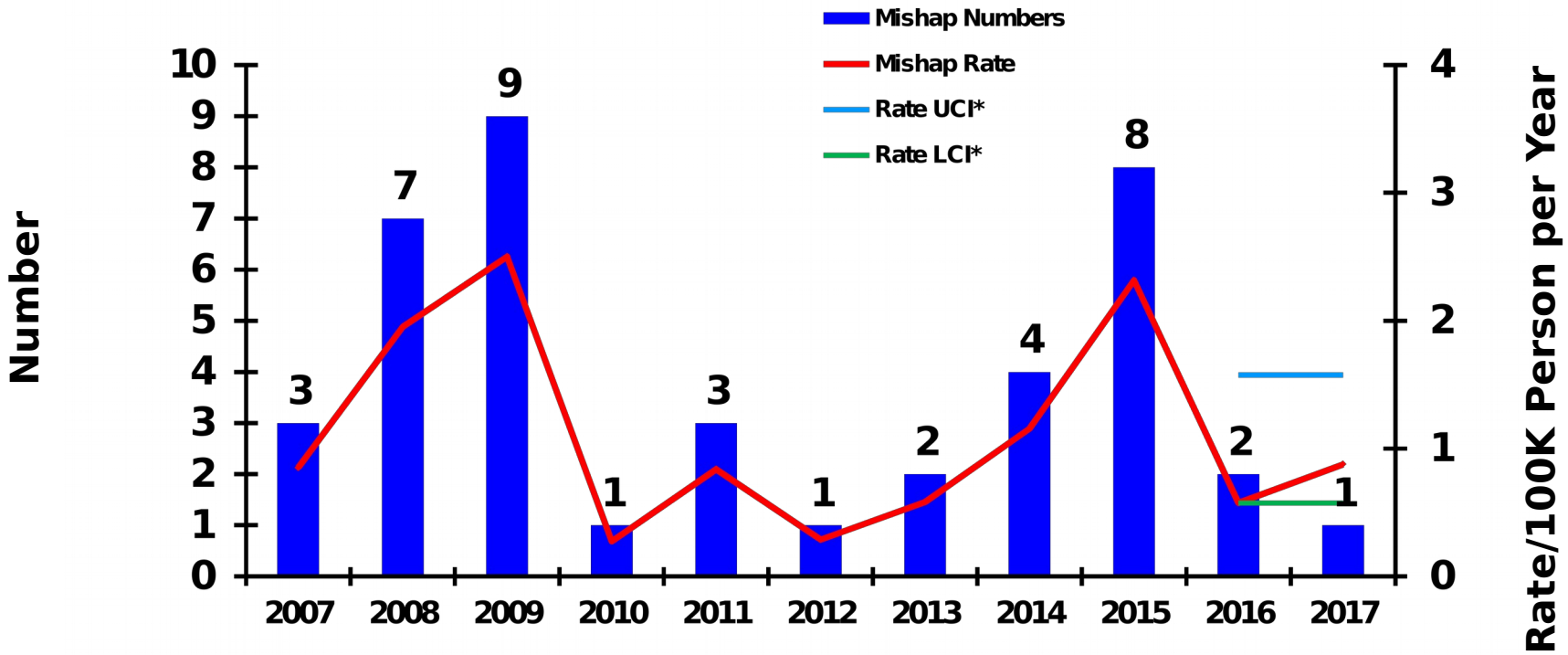
CLASS A AFLOAT MISHAPS



	30-Jan-17	30-Jan-16
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	1/0.97	1/0.97
FY16 MISHAPS/MISHAP RATE:	4/1.29	
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:	6.20/2.01	

*see last slide for definition of UCI/LCI

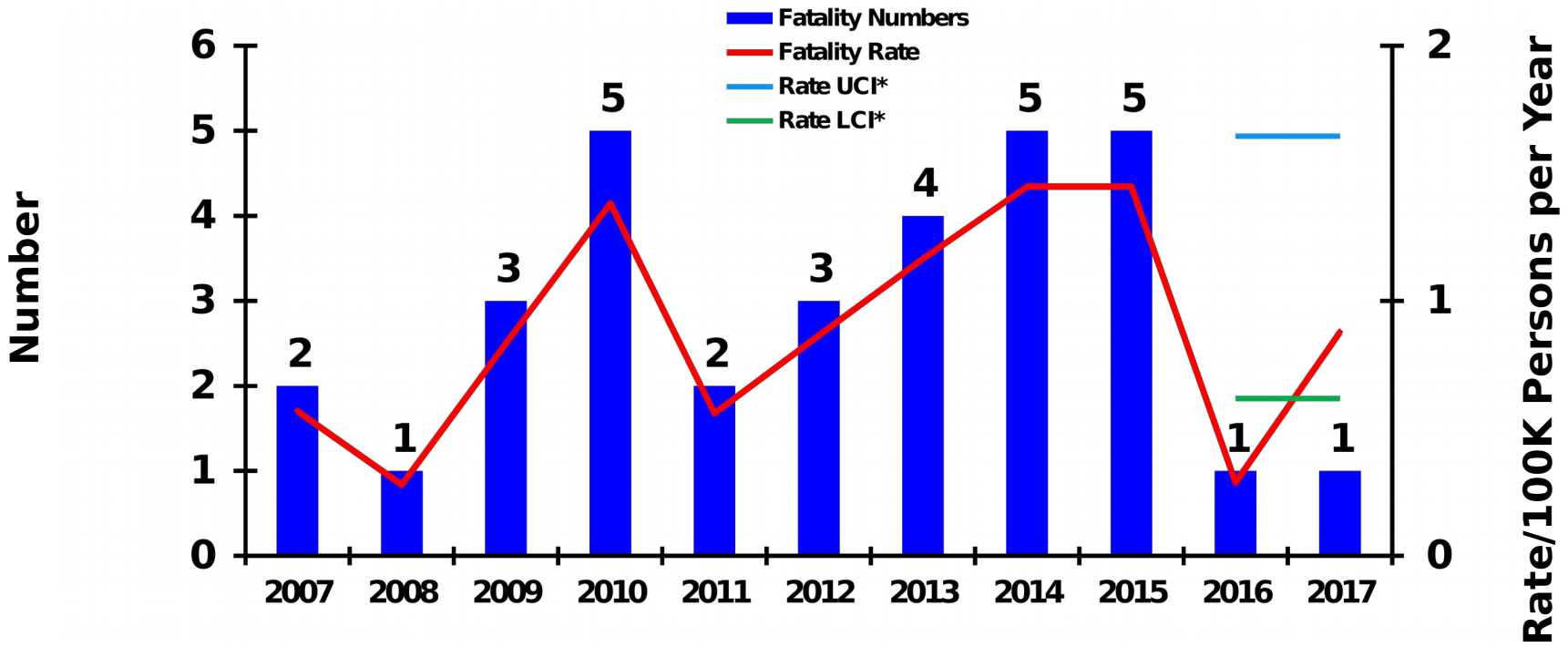
CLASS A SHORE ON-DUTY MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	30-Jan-17	30-Jan-16
FY16 MISHAPS/MISHAP RATE:	1/0.88	1/0.86
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:	2/0.58	
	4.00/1.13	

*see last slide for definition of UCI/LCI

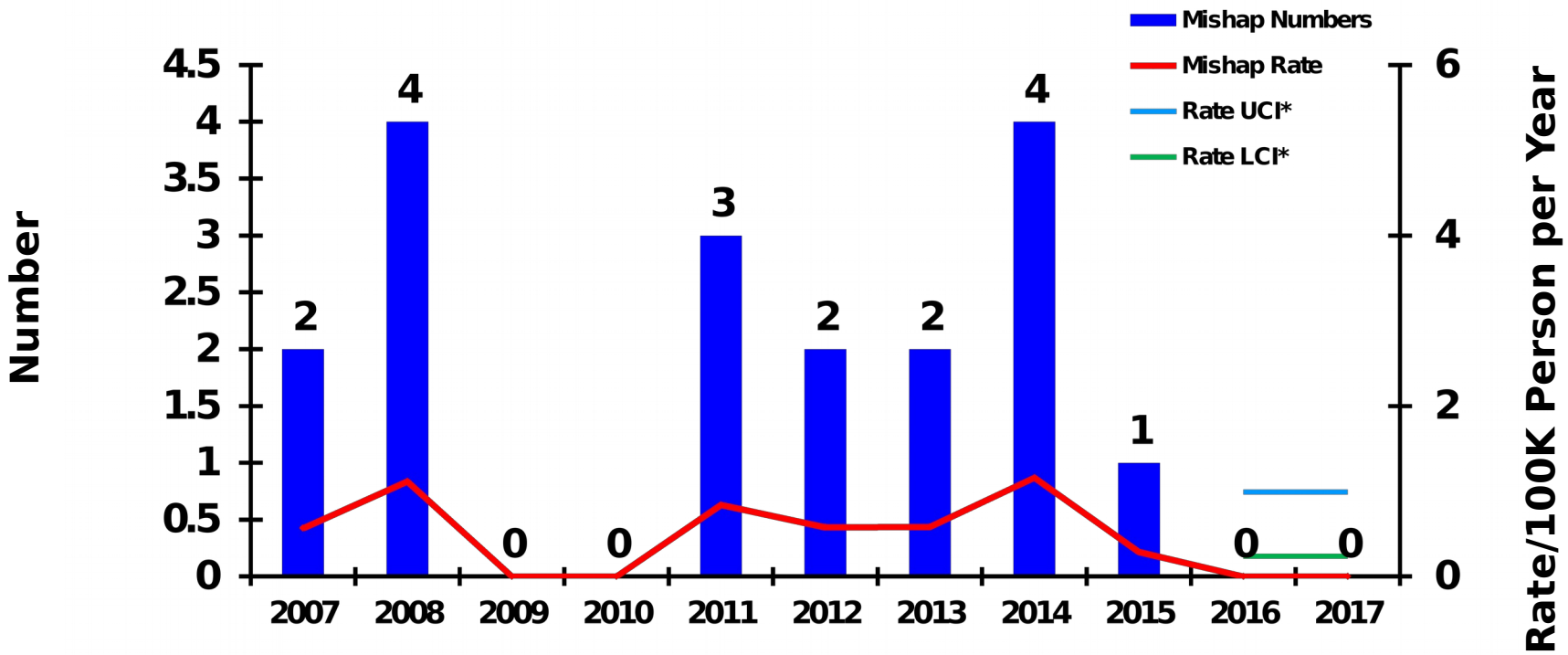
PHYSICAL TRAINING FATALITIES



	30-Jan-17	30-Jan-16
FATALITIES/FATALITY RATE FY COMPARISON:	1/0.88	1/0.86
FY16 FATALITIES/FATALITY RATE:	1/0.29	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	3.1/0.88	

*see last slide for definition of UCI/LCI

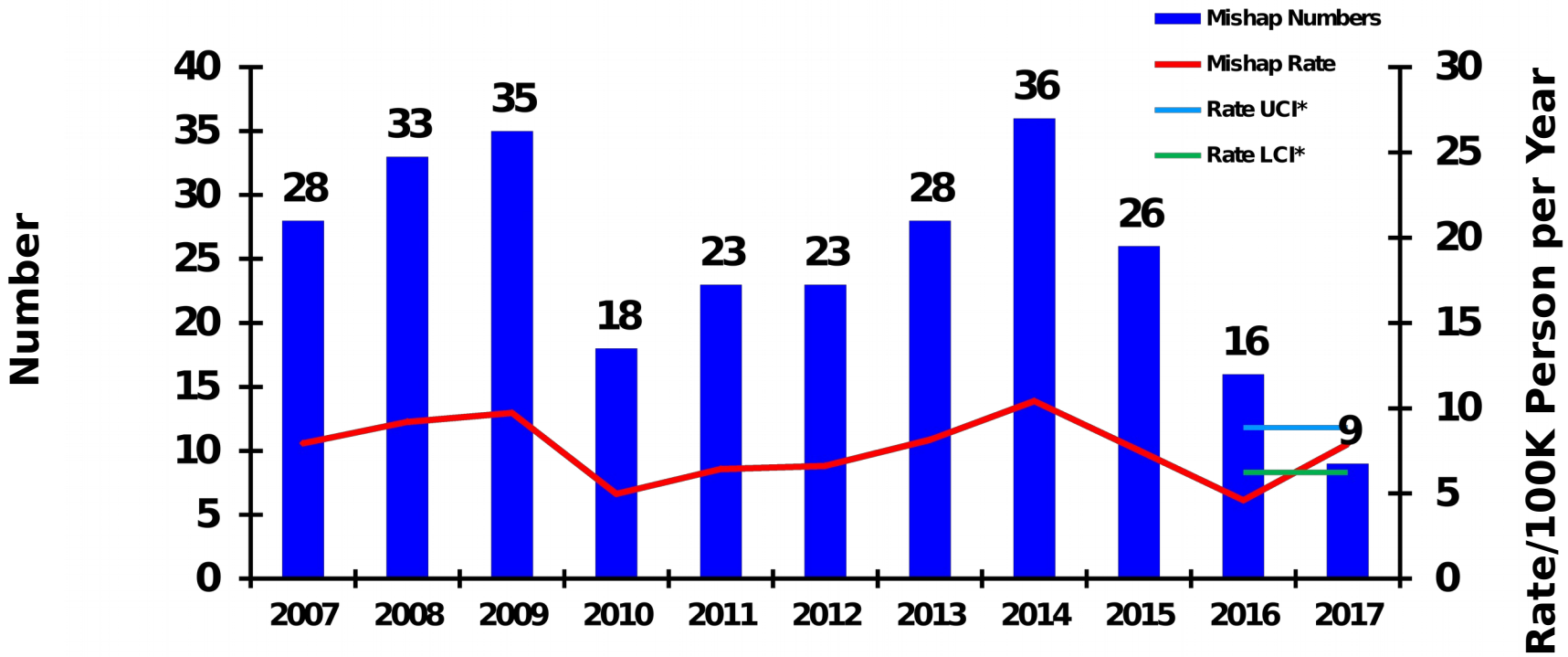
CLASS A ON-DUTY MV MISHAPS



	30-Jan-17	30-Jan-16
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	0/0.00	0/0.00
FY16 MISHAPS/MISHAP RATE:	0/0.00	
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:	1.80/0.51	

*see last slide for definition of UCI/LCI

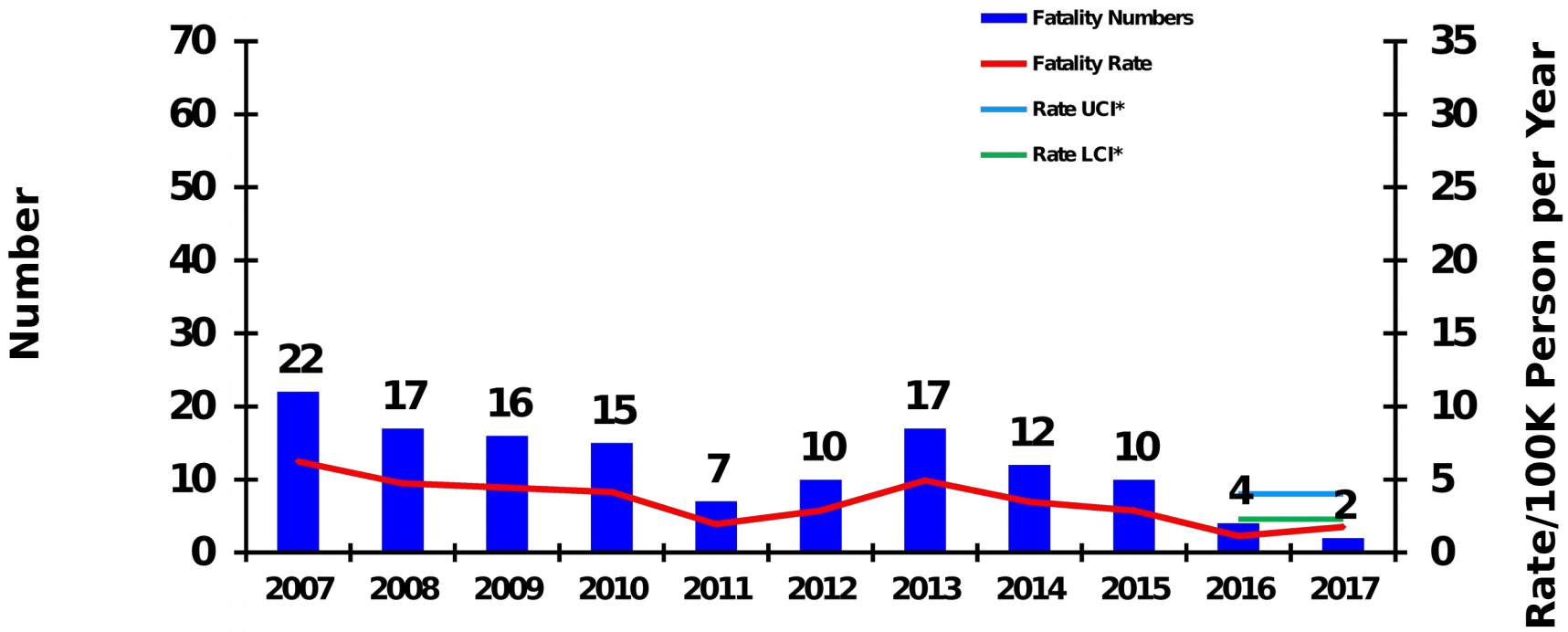
TOTAL CLASS A ON-DUTY MISHAPS



	30-Jan-17	30-Jan-16
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	9/7.89	9/4.32
FY16 MISHAPS/MISHAP RATE:	16/4.61	
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:	26.60/7.56	

*see last slide for definition of UCI/LCI

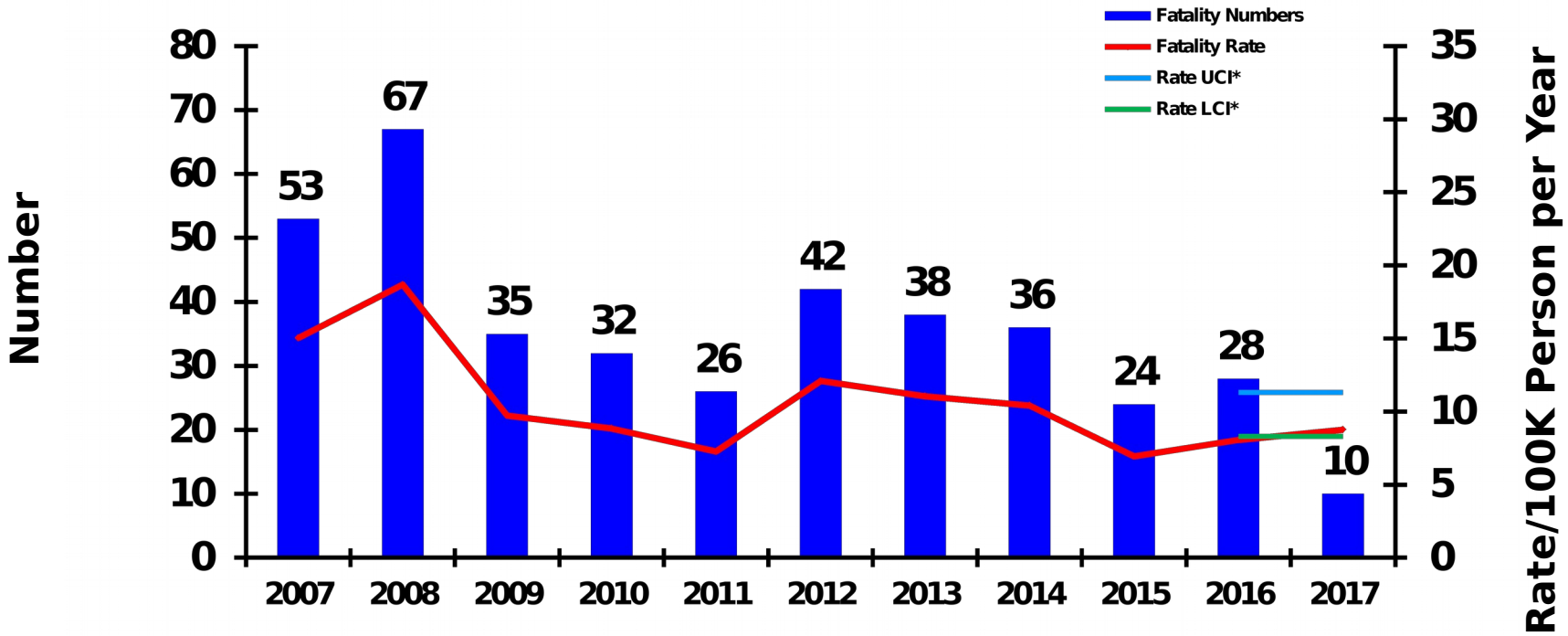
ON-DUTY FATALITIES



	30-Jan-17	30-Jan-16
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	2/1.75	2/1.73
FY16 FATALITIES/FATALITY RATE:	4/1.15	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	13.00/3.69	

*see last slide for definition of UCI/LCI

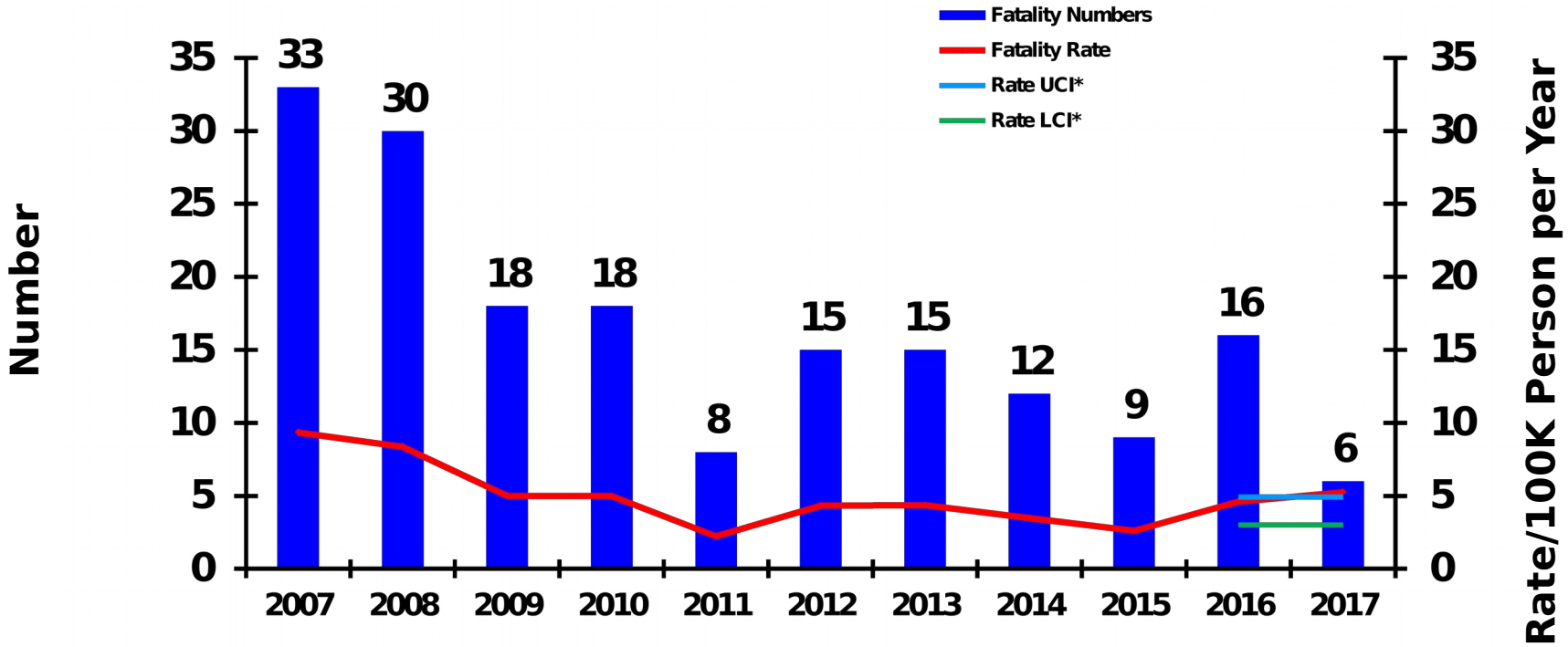
PMV FATALITIES



	30-Jan-17	30-Jan-16
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	10/8.77	12/10.37
FY16 FATALITIES/FATALITY RATE:	28/8.06	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	38.10/10.82	

*see last slide for definition of UCI/LCI

4-WHEEL PMV FATALITIES

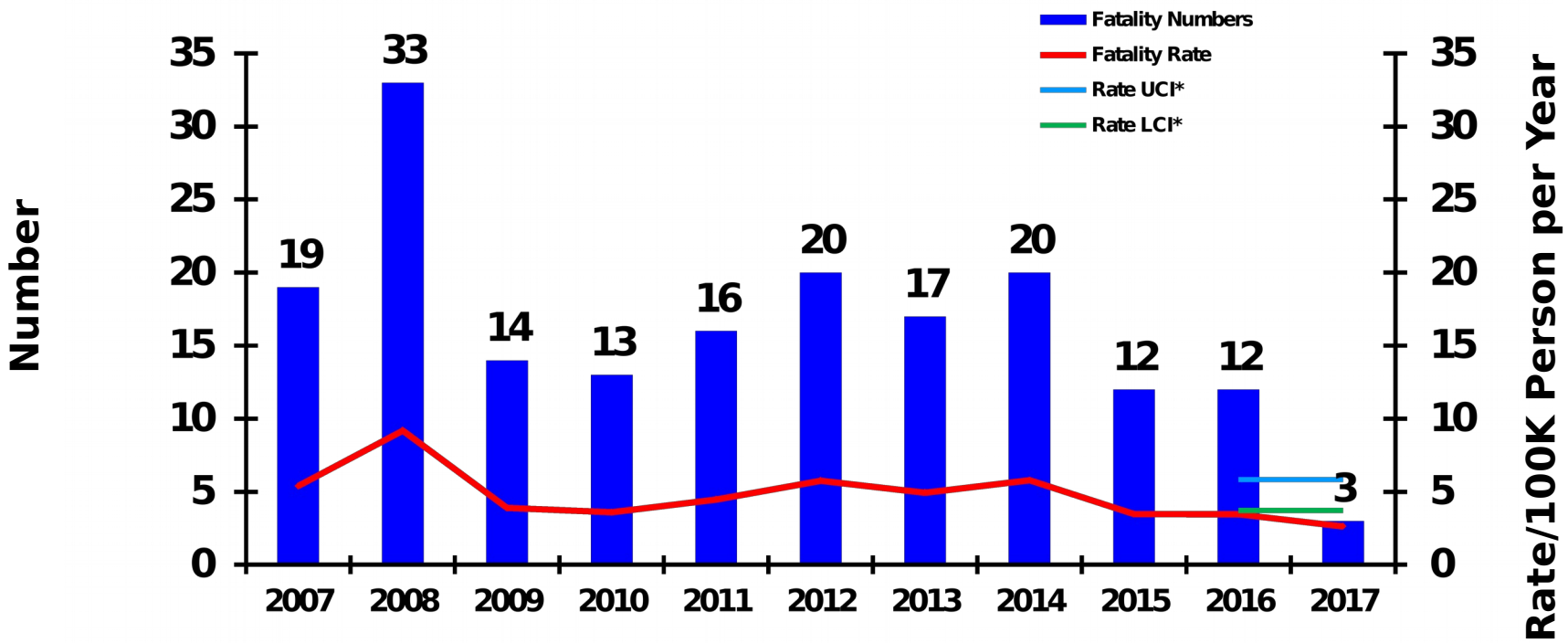


pedestrian fatalities not included

	30-Jan-17	30-Jan-16
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	6/5.26	6/5.18
FY16 FATALITIES/FATALITY RATE:	16/4.61	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	17.40/4.93	

*see last slide for definition of UCI/LCI

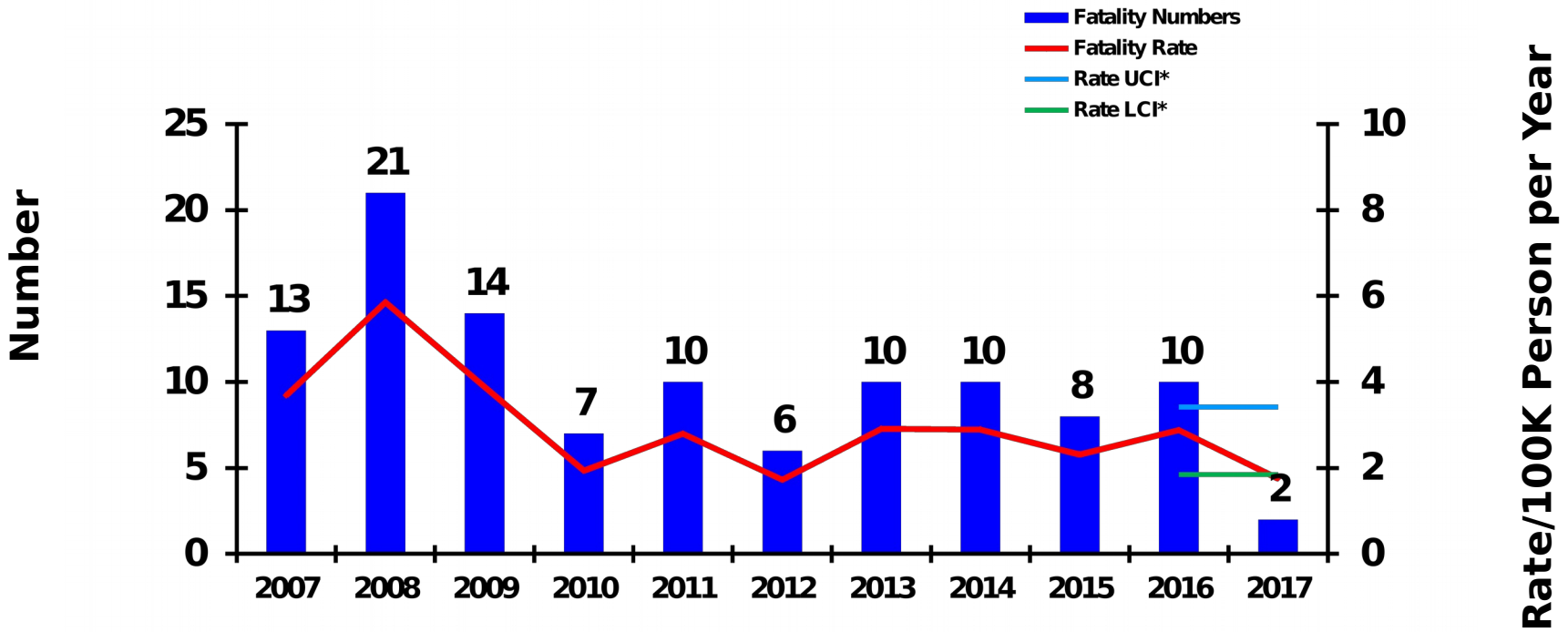
MOTORCYCLE PMV FATALITIES



	30-Jan-17	30-Jan-16
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	3/2.63	6/5.18
FY16 FATALITIES/FATALITY RATE:	12/3.46	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	17.60/5.00	

*see last slide for definition of UCI/LCI

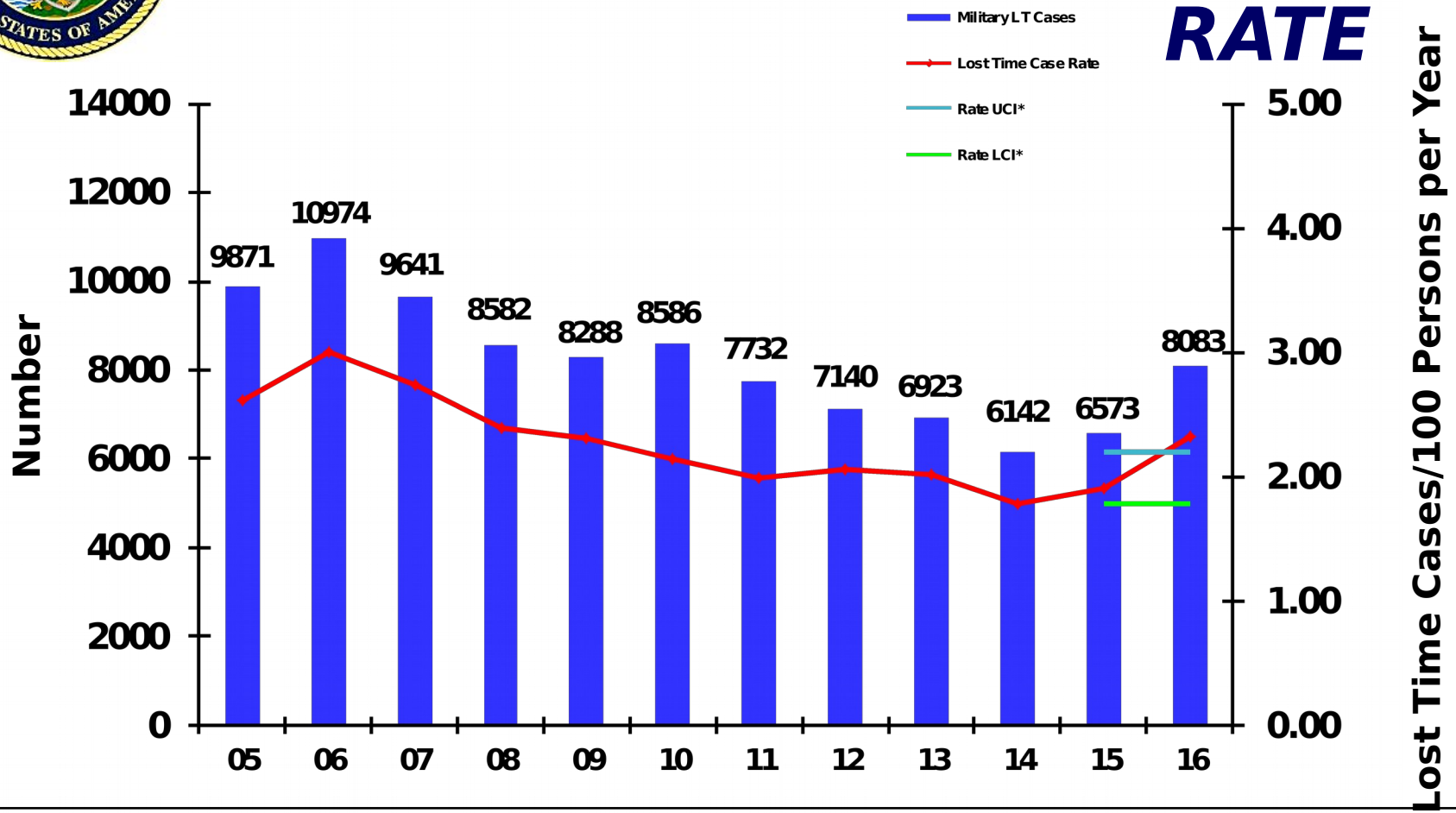
OFF-DUTY/REC FATALITIES



	30-Jan-17	30-Jan-16
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	2/1.75	5/4.32
FY16 FATALITIES/FATALITY RATE:	10/2.8	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	10.90/3.09	

*see last slide for definition of UCI/LCI

MILITARY LOST TIME CASE RATE



30 Sep 16

LOST WORK TIME CASE RATE: 2.33

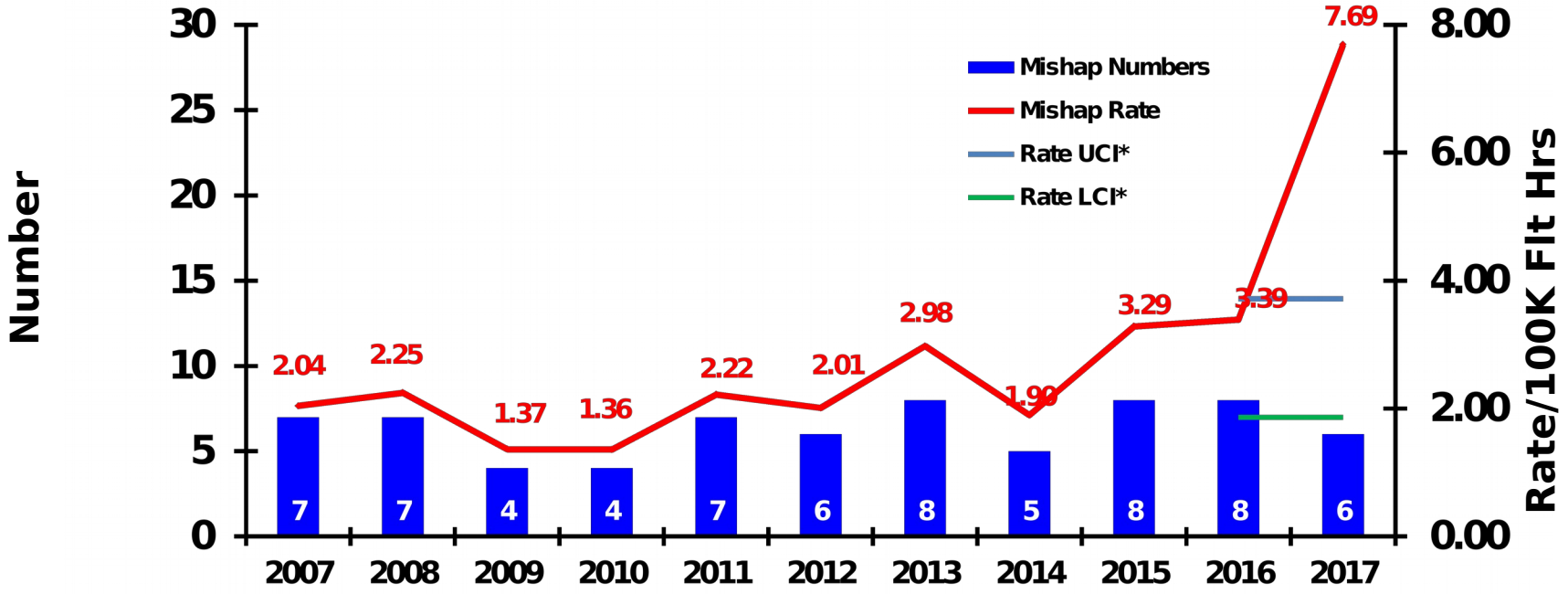
FY15 LOST TIME CASE RATE: 1.90

5-YEAR AVERAGE (FY11-15) LOST TIME CASE RATE: 1.98

see last slide for definition of UCI/LCI

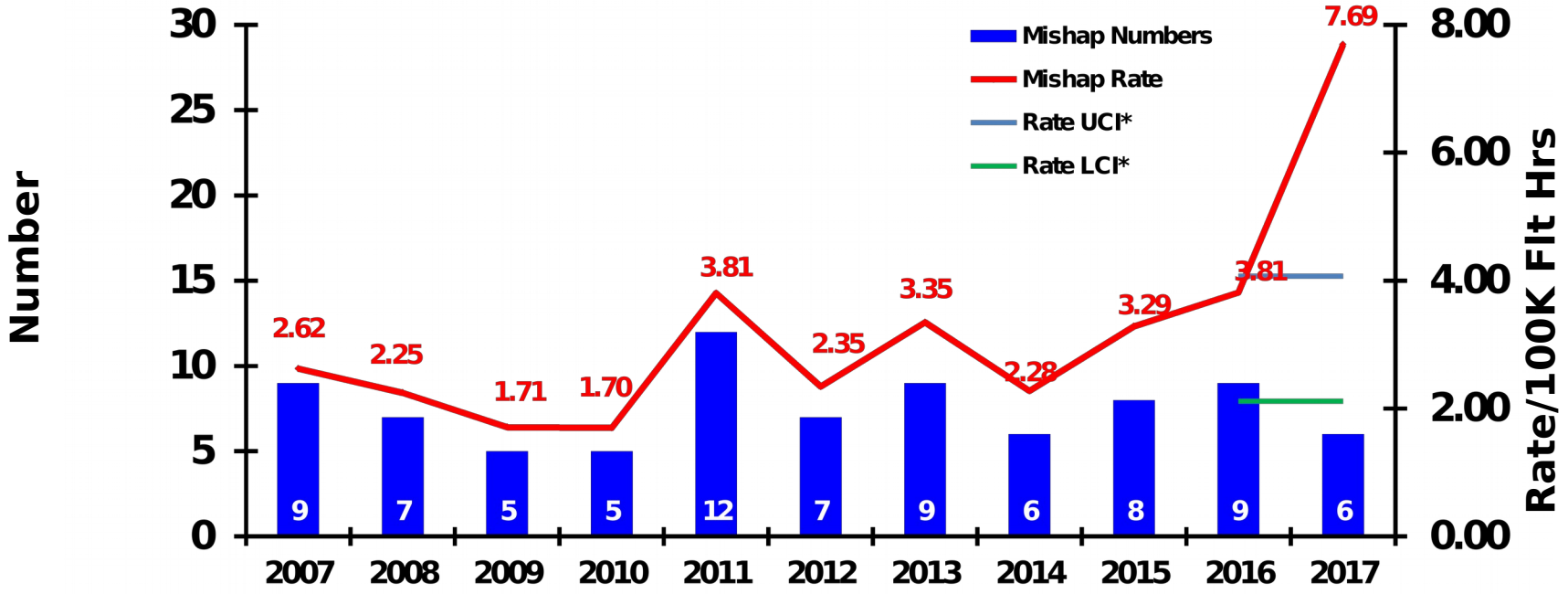
CLASS A FLIGHT MISHAPS

Manned Aircraft Only



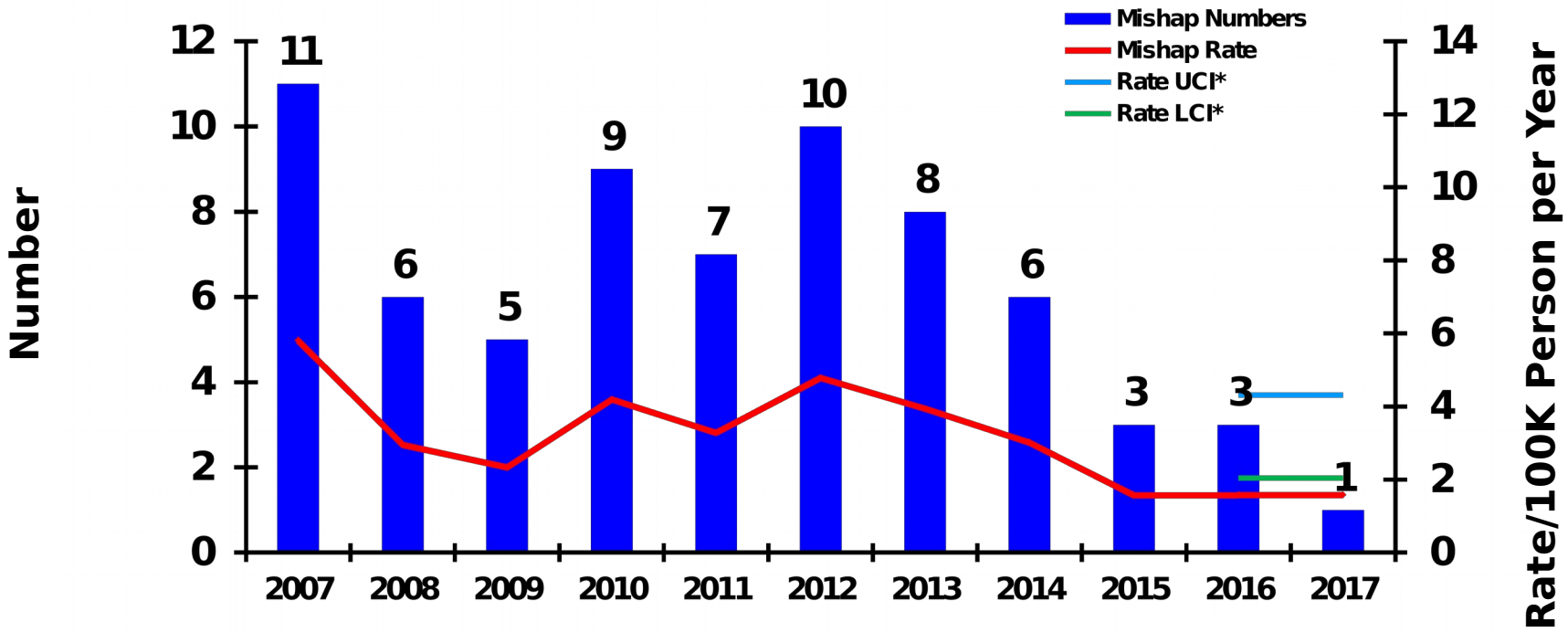
	30-Jan-17	30-Jan-16
CLASS A FM/FM RATE FY COMPARISON:	6/7.69	9/4.17
FY16 MISHAPS/MISHAP RATE:	8/3.39	
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:	6.40/2.28	

CLASS A AVIATION MISHAPS



	30-Jan-17	30-Jan-16
CLASS A FM/FM RATE FY COMPARISON:	**6/7.69**	**9/4.17**
FY16 MISHAPS/MISHAP RATE:	**9/3.81**	
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:	**7.70/2.72**	

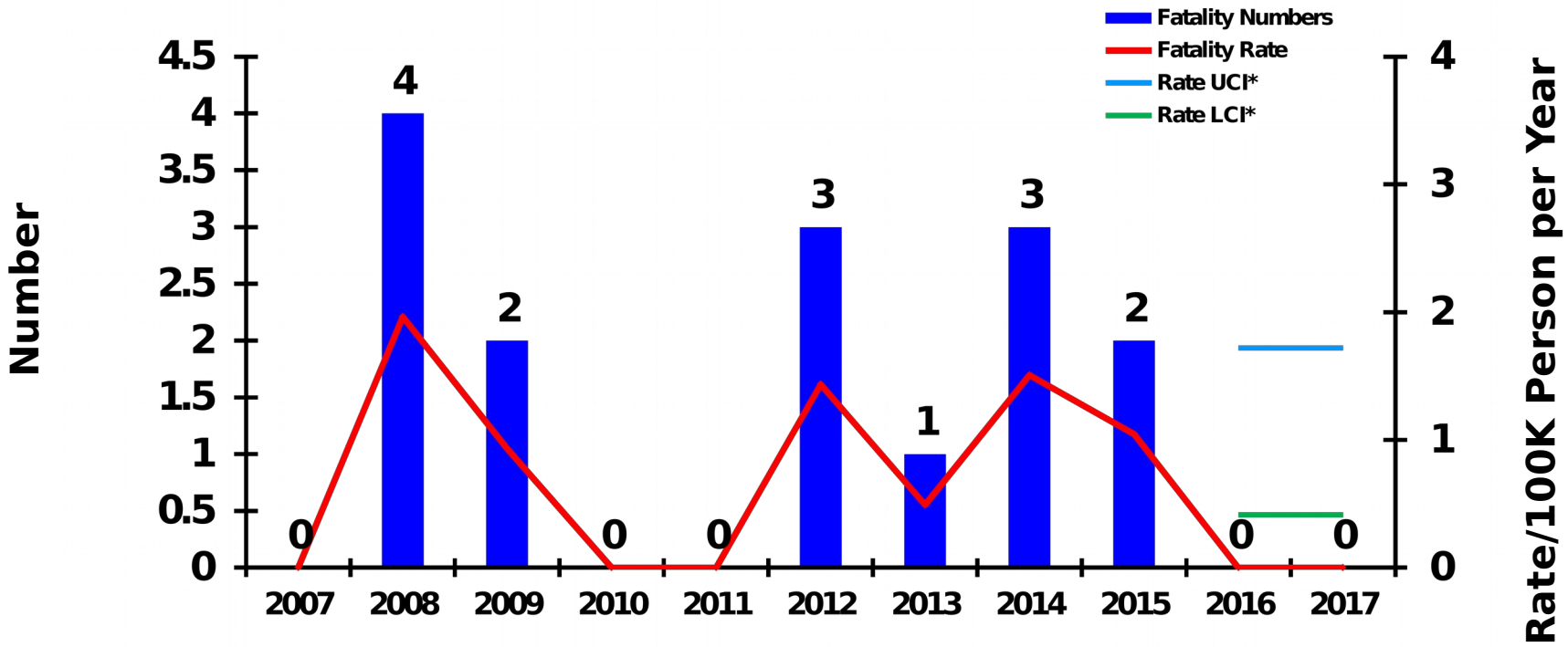
CLASS A GROUND ON-DUTY MISHAPS



	30-Jan-17	30-Jan-16
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	11/1.58	1/1.57
FY16 MISHAPS/MISHAP RATE:	3/1.57	
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:	6.80/3.34	

*see last slide for definition of UCI/LCI

PHYSICAL TRAINING FATALITIES

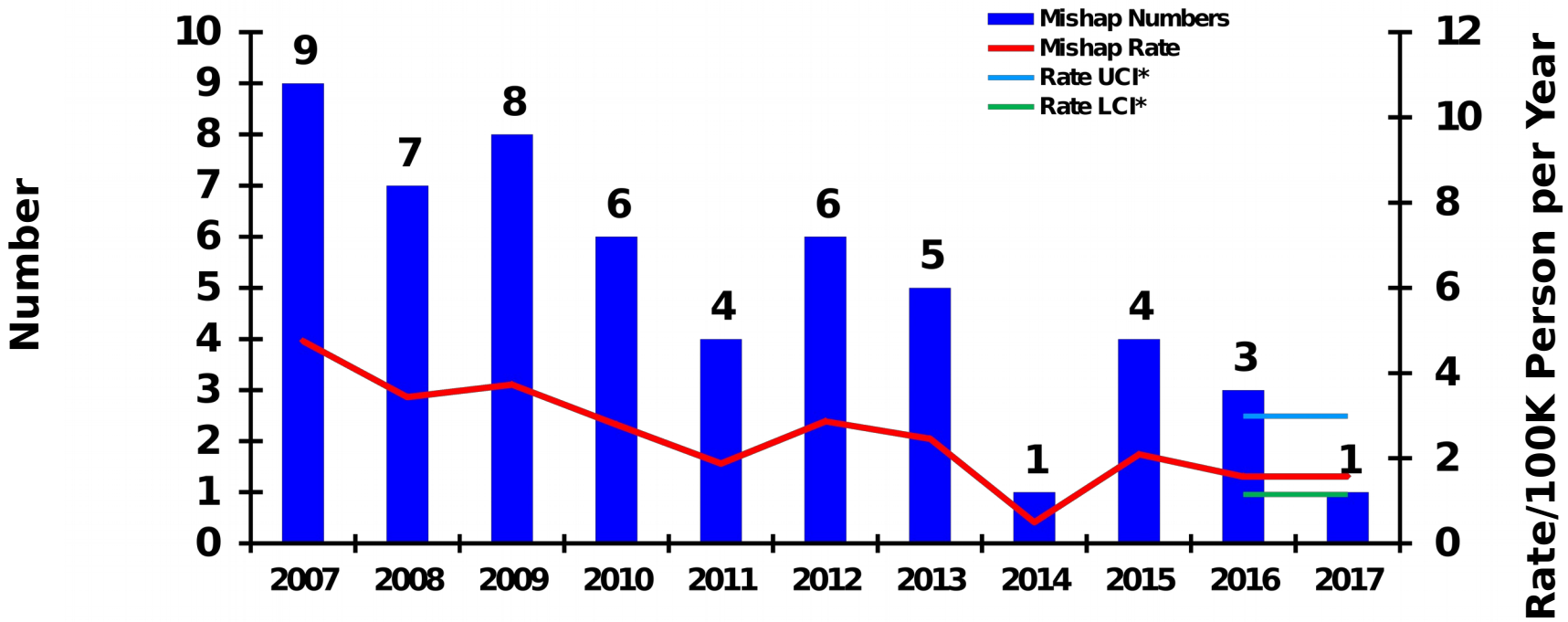


PT fatalities are also reflected in the Ground On-Duty Mishap slide

	30-Jan-17	30-Jan-16
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	0/0.00	0/0.00
FY16 FATALITIES/FATALITY RATE:	0/0.00	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	1.50/0.74	

***see last slide for definition of UCI/LCI**

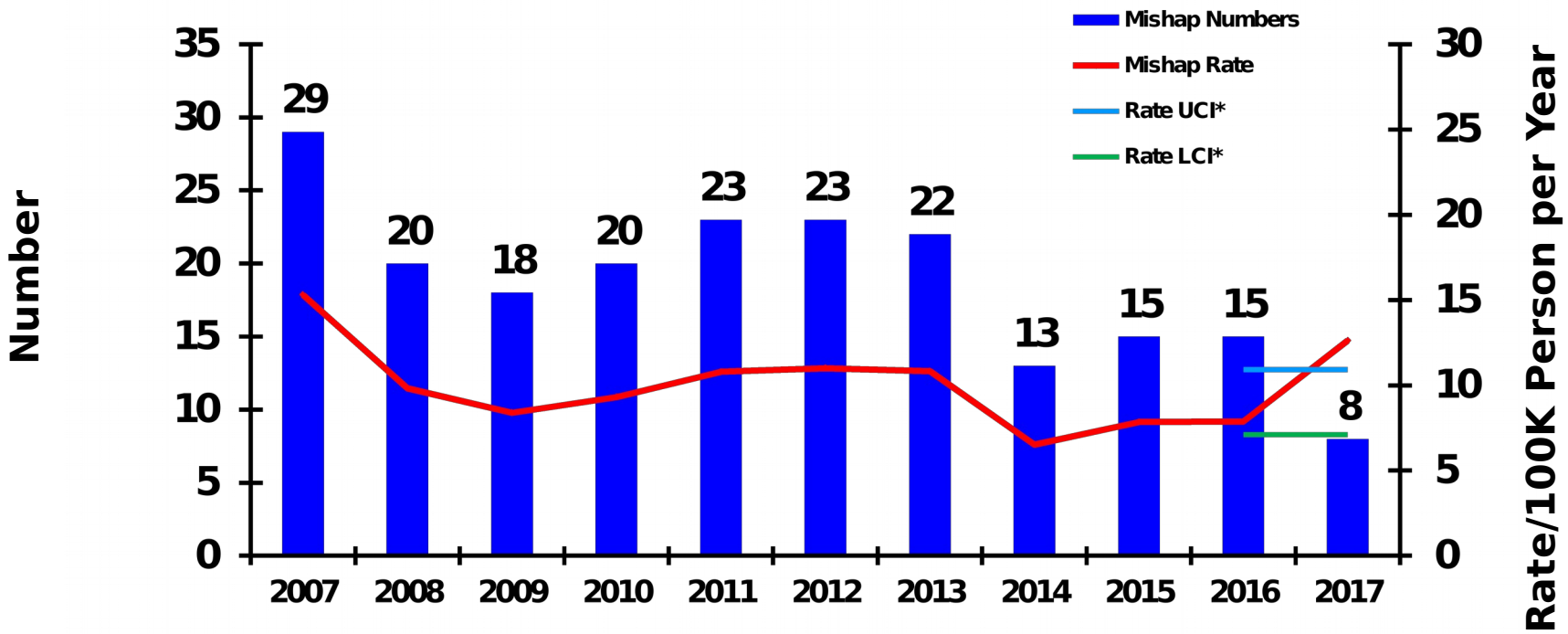
CLASS A ON-DUTY MV MISHAPS



	30-Jan-17	30-Jan-16
CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	1/1.58	1/1.57
FY16 MISHAPS/MISHAP RATE:	3/1.57	
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:	5.30/2.61	

*see last slide for definition of UCI/LCI

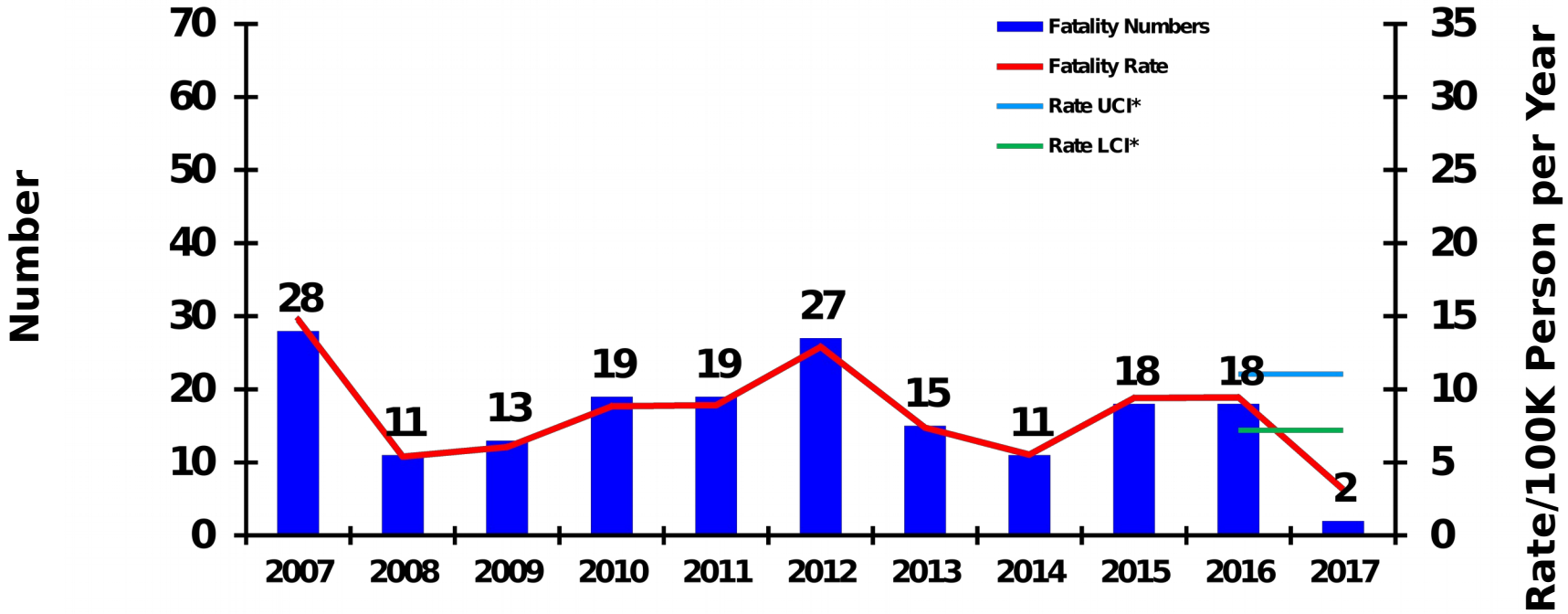
TOTAL CLASS A ON-DUTY MISHAPS



CLASS A MISHAPS/MISHAP RATE FY COMPARISON:	30-Jan-17	30-Jan-16
FY16 MISHAPS/MISHAP RATE:	8/12.63	15/7.87
10-YEAR AVERAGE (FY07-16) MISHAPS/MISHAP RATE:	15/7.87	
	19.80/9.77	

*see last slide for definition of UCI/LCI

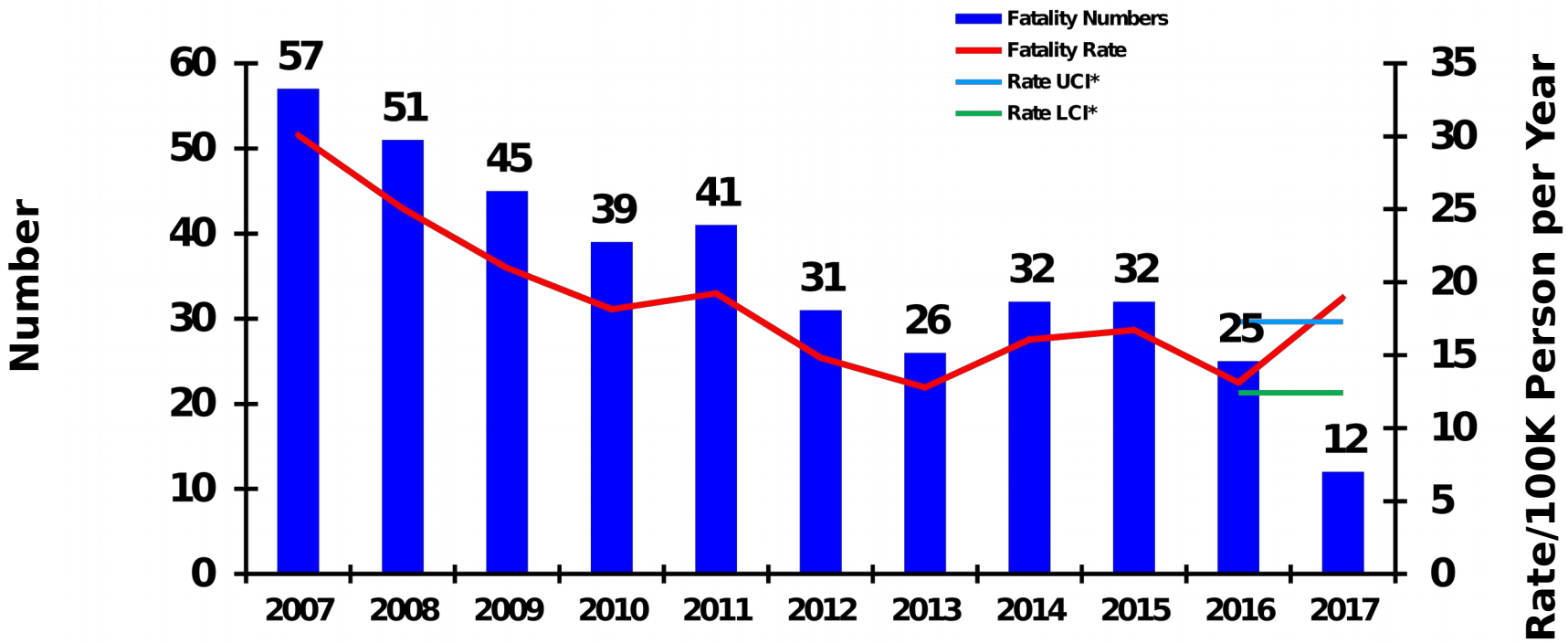
ON-DUTY FATALITIES



	30-Jan-17	30-Jan-16
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	2/3.16	14/22.05
FY16 FATALITIES/FATALITY RATE:	18/9.45	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	17.90/8.87	

*see last slide for definition of UCI/LCI

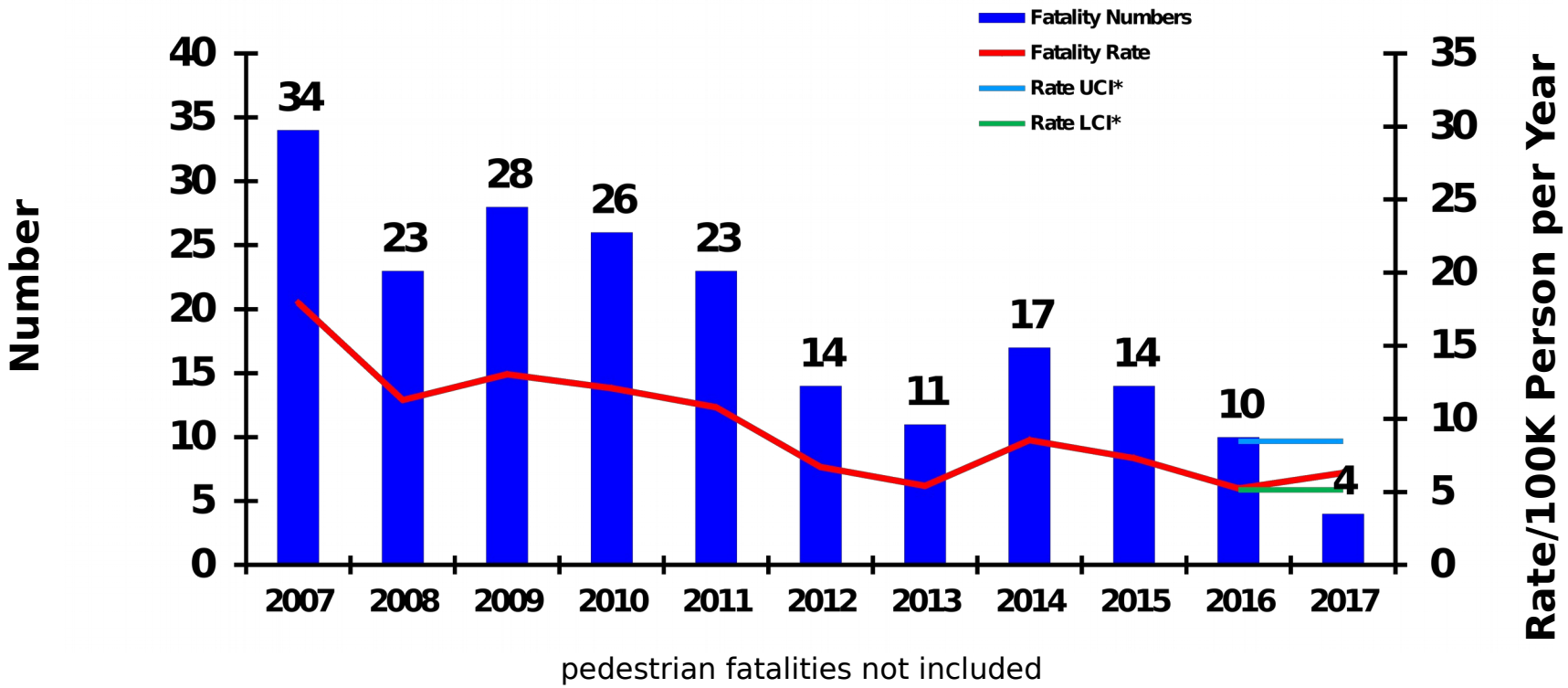
PMV FATALITIES



	30-Jan-17	30-Jan-16
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	12/18.94	6/9.45
FY16 FATALITIES/FATALITY RATE:	25/13.12	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	37.90/18.71	

*see last slide for definition of UCI/LCI

4-WHEEL PMV FATALITIES

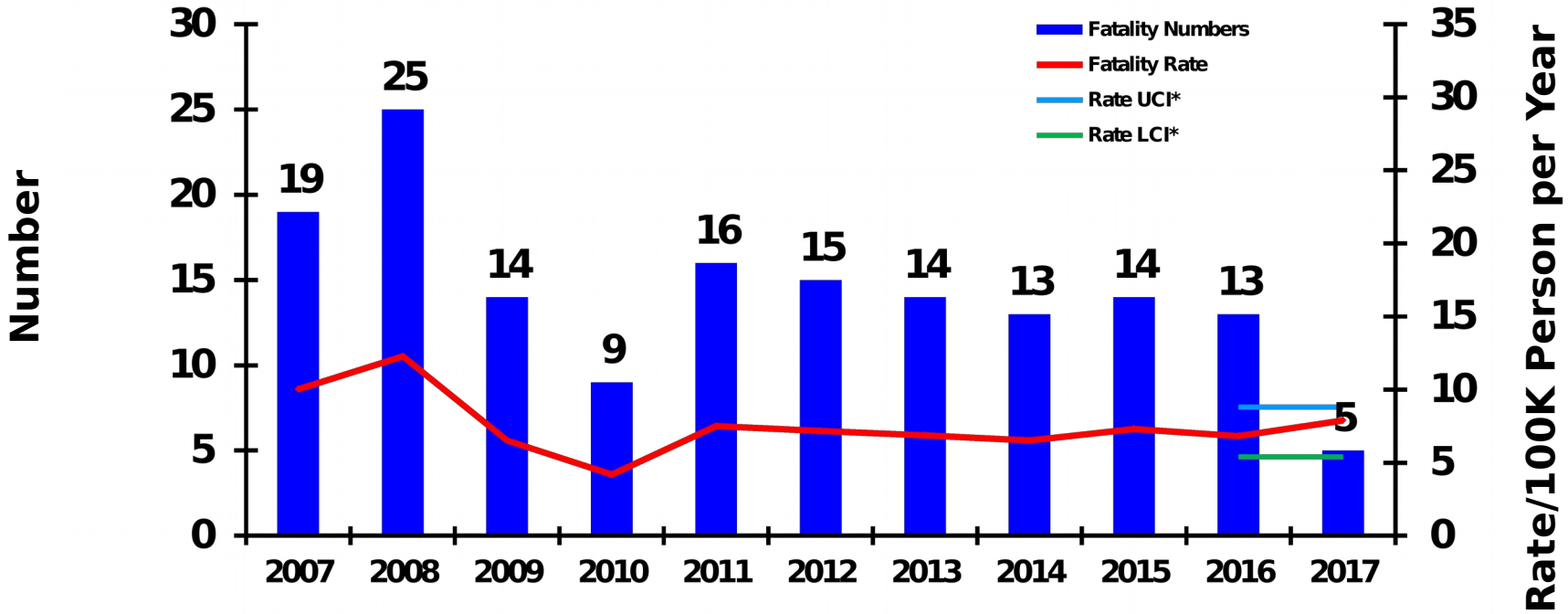


pedestrian fatalities not included

	30-Jan-17	30-Jan-16
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	**14/6.31**	**14/6.30**
FY16 FATALITIES/FATALITY RATE:	**10/5.25**	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	**20.00/9.84**	

***see last slide for definition of UCI/LCI**

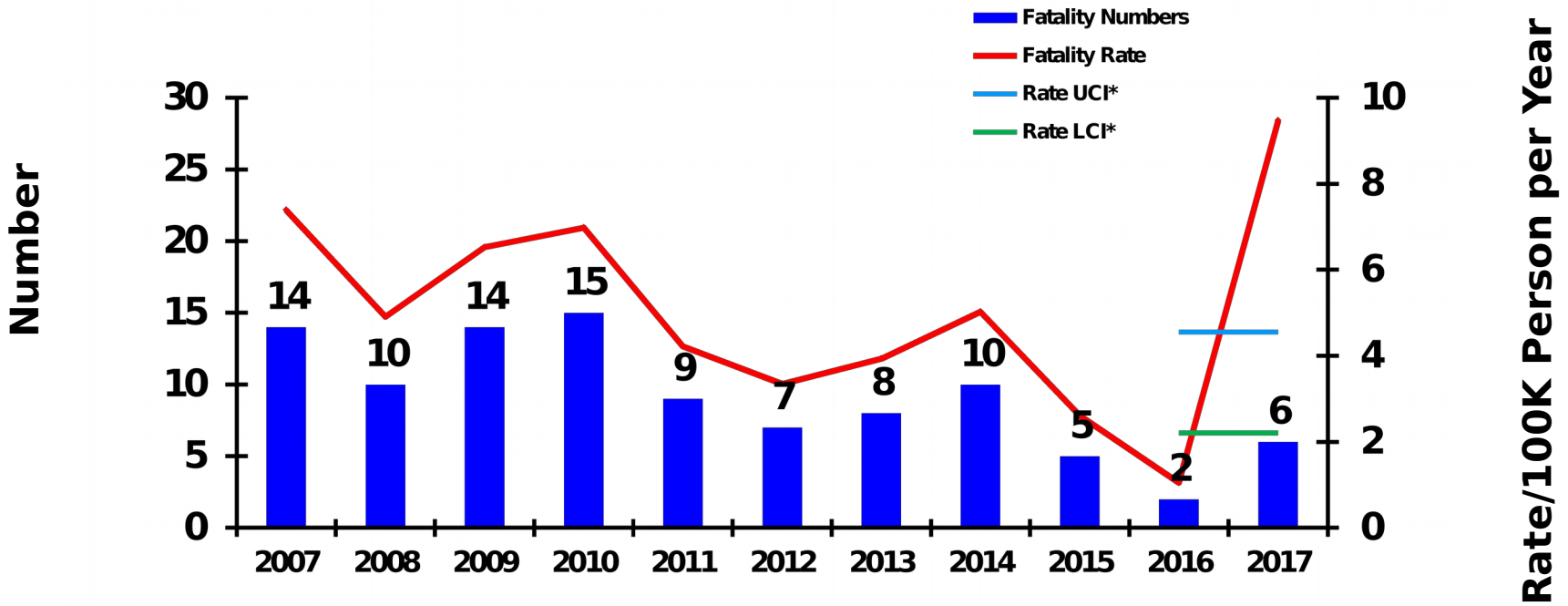
MOTORCYCLE PMV FATALITIES



	30-Jan-17	30-Jan-16
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	5/7.89	1/1.57
FY16 FATALITIES/FATALITY RATE:	13/6.82	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	15.20/7.53	

*see last slide for definition of UCI/LCI

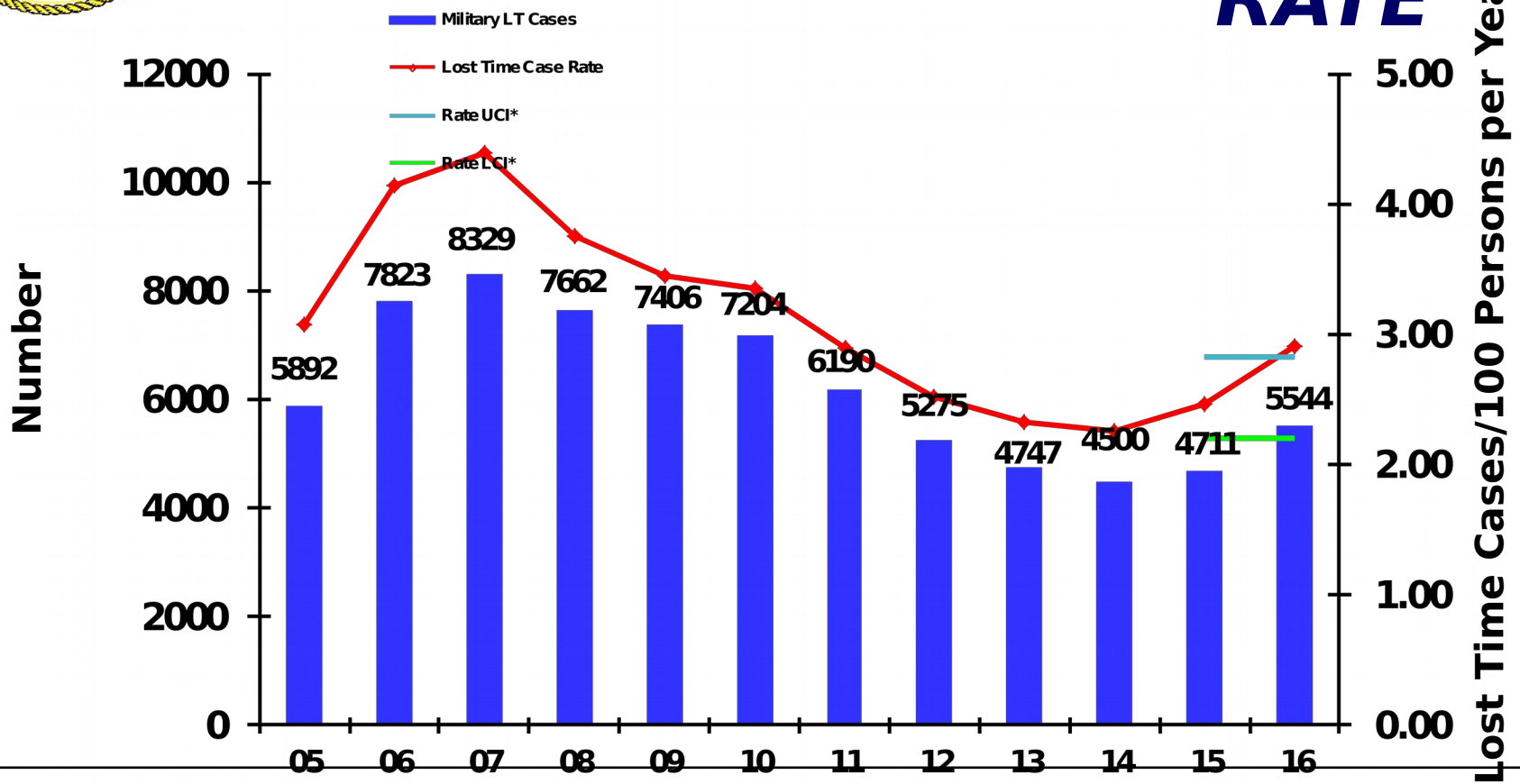
OFF-DUTY/REC FATALITIES



	30-Jan-17	30-Jan-16
CLASS A FATALITIES/FATALITY RATE FY COMPARISON:	6/9.47	0/0.00
FY16 FATALITIES/FATALITY RATE:	2/1.05	
10-YEAR AVERAGE (FY07-16) FATALITIES/FATALITY RATE:	9.40/4.60	

*see last slide for definition of UCI/LCI

MILITARY LOST TIME CASE RATE



30 Sep 16

LOST WORK TIME CASE RATE: 2.91

FY15 LOST TIME CASE RATE: 2.46

5-YEAR AVERAGE (FY11-15) LOST TIME CASE RATE: 2.50

*see last slide for definition of UCI/LCI.

Navy Short Narratives

- USN AVIATION CLASS A MISHAPS (includes UAS/UAV, FRMs and AGMs not included in the Flight Slide)

19 Jan 2017: (NAS Norfolk, VA) Three E-2C aircraft damaged in an engine oil related event. (AGM)

17 Jan 2017: (NAS Meridian, MS) T-45 crashed following a BASH incident on takeoff. Both crewmembers ejected. No fatalities.

18 Dec 0216: (Kadena AFB, Japan) Tow bar separation resulted in aircraft/tow collision with damage to nose gear and lower fuselage of P-8A. (AGM)

16 Dec 2016: (NAS Whidbey Island, WA) Canopy on EA-18G exploded/jettisoned resulting in severe injuries to 2 personnel. (AGM)

21 Nov 2016: (Upper Mojave Desert Region) F/A-18F struck a tree while instructor pilot was conducting a currency flight event. Returned to base safely. No injuries.

13 Oct 2016: (Tinker AFB, OK) E-6B #2 engine sustained compressor blade damage due to bird ingestion. Aircraft landed safely. No injuries.

- USN AFLOAT CLASS A MISHAPS

12 Nov 2016: (Red Sea) LHD equipment damaged by flooding during firemain valve repair.

- USN SHORE CLASS A MISHAPS

18 Jan 2017: (Galkayo, Somalia) E-6 suffered a permanent total disability (PTD) when empty HESCO barriers fell from forklift.

- USN PHYSICAL TRAINING CLASS A MISHAPS

24 Oct 2016: (San Diego, CA) O-4 collapsed to the floor during semi-annual physical fitness assessment (PFA) cardio stationary bike event and could not be resuscitated.

- USN ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

No mishap this FY.

Navy Short Narratives

- USN PRIVATE MOTOR VEHICLE FATALITIES

12 Jan 2017: (Pensacola, FL) E-5 died on 29 Jan from injuries sustained in a motorcycle mishap.

22 Dec 2016: (Juarez, Mexico) E-6 died in an automobile mishap.

28 Nov 2016: (Virginia Beach, VA) E-5 died in an automobile mishap when he ran off the road while traveling on an exit ramp.

19 Nov 2016: (Pensacola, FL) E-2 died after being hit by a car. Another E-2 was also hit and is in stable condition.

14 Nov 2016: (Portsmouth, VA) E-3 died in a single-vehicle motorcycle mishap in a tunnel.

11 Nov 2016: (Chicago, IL) O-3 died from injuries sustained in an Interstate roll-over motor vehicle mishap.

10 Nov 2016: (Tacoma, WA) E-3 died in a motorcycle mishap after high speed lane change collision on metal grates of bridge.

06 Nov 2016: (Lawrenceville, VA) E-3 passenger died in a single-vehicle mishap when the vehicle ran off the road. E-3 driver survived.

15 Oct 2015: (Mount Pleasant, MI) E-4 died in an automobile mishap.

02 Oct 2016: (Fresno, CA) E-2 died in an automobile mishap while on leave near hometown in transit from NATTC Pensacola Florida to CNATTU Whidbey Island.

- USN OFF-DUTY/RECREATIONAL FATALITIES

28 Dec 2016: (Virginia Beach, VA) E-6 drowned after falling out of a kayak while fishing.

17 Nov 2016: (Cozumel, Mexico) E-6 drowned while on leave.

Marine Corps Short Narratives

- USMC AVIATION CLASS A MISHAPS (includes UAS/UAV, FRMs and AGMs not included in the Flight Slide)

13 Dec 2016: (Off the Coast of Okinawa, Japan) MV-22B attempted a precautionary emergency landing (PEL) to dry land but crash landed in shallow water. Crew of 5 evacuated with injuries.

07 Dec 2016: (Off the Coast of Iwakuni MCAS, Japan) F/A-18C crashed into the water while conducting a night mission.

1 fatality.

09 Nov 2016: (Off the Coast of San Diego) Two F/A-18As were conducting basic flight maneuvers and had a mid-air collision. 1 aircraft crashed in the water. Pilot ejected successfully. 1 aircraft landed with significant damage.

27 Oct 2016: (MCAS Beaufort, SC) F/A-35B had an inflight weapons bay fire followed by an uneventful landing. No injuries.

25 Oct 2016: (Twentynine Palms, CA) F/A-18C crashed on final approach. Pilot ejected successfully. No injuries.

20 Oct 2016: (Yuma, AZ) CH-53E main rotor contacted building causing damage to the aircraft.

- USMC GROUND CLASS A MISHAPS

13 Jan 2017: (Twentynine Palms, CA) One E-3 died and another E-3 was injured during live fire training.

- USMC PHYSICAL TRAINING CLASS A MISHAPS

No mishap this FY.

- USMC ON-DUTY MOTOR VEHICLE CLASS A MISHAPS

05 Dec 2016: (Quantico, VA) 7-ton MTVR towing a 155mm howitzer was struck by a civilian semi-truck while traveling in a convoy. No major injuries.

- USMC PRIVATE MOTOR VEHICLE FATALITIES

21 Jan 2017: (Vista, CA) E-6 died after being struck by an automobile while changing a tire on the side of the highway.

03 Jan 2017: (Chandler, AZ) E-3 died from injuries sustained when he was struck by a vehicle while crossing

Marine Corps Short Narratives

- USMC PRIVATE MOTOR VEHICLE FATALITIES (con't)

17 Dec 2016: (Mission Viejo, CA) E-3 died in a multi-vehicle motorcycle mishap.

17 Dec 2016: (Stafford, VA) E-4 died when his vehicle departed the roadway and struck and tree. SVM was ejected from the vehicle.

02 Dec 2016: (Naperville, IL) E-6 died in a head-on collision with another vehicle. Two civilians killed in the other vehicle.

23 Nov 2016: (Beaufort, SC) E-3 died in a motorcycle mishap.

14 Nov 2016: (Plantation, FL) E-5 died from injuries sustained in a multi-vehicle automobile mishap.

14 Nov 2016: (Lake Forest, CA) E-3 died from injuries sustained in a multi-vehicle motorcycle mishap

06 Nov 2016: (Cabazon, CA) E-3 died in a motorcycle mishap after he lost control of his motorcycle.

09 Oct 2016: (Cherry Point, NC) E-3 died during in a multi-vehicle motorcycle mishap.

03 Oct 2016: (Summerton, SC) E-4 died in a multi-vehicle automobile mishap.

- USMC OFF-DUTY/RECREATIONAL FATALITIES

17 Dec 2016: (MCAS Iwakuni, Japan) O-3 died from injuries sustained from a fall at an on-base parking garage.

30 Oct 2016: (Okinawa, Japan) E-3 drowned after he was knocked into the water by a wave and swept out to sea.

29 Oct 2016: (Okinawa, Japan) E-5 drowned while swimming.

22 Oct 2016: (McDonald, PA) O-3 was found unresponsive in his private residence and could not be resuscitated.

10 Oct 2016: (Okinawa, Japan) E-6 died during recreational diving event.

01 Oct 2016: (Twentynine Palms, CA) E-2 found unresponsive in barracks.

Mishap Confidence Interval

- UCI = Upper Confidence Interval LCI = Lower Confidence Interval

- Rate values above the UCI or below the LCI infer a statistically significant change is probable. This is only an indicator. Significance cannot be determined until end-of-year._

- Values between the UCI and LCI infer that nothing significant has occurred to increase or decrease mishap rate.

(Confidence Interval is based on: Poisson Rate related to a Chi Squared Distribution and calculated using FY09-13 data except for the Lost Work Days and Lost Time Case slides which were based on a normal distribution).